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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,177	01/12/2001	Franz Amtmann	AT 000001	9986
24737	7590	04/04/2006	EXAMINER KIM, KEVIN	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			ART UNIT 2611	PAPER NUMBER

DATE MAILED: 04/04/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/759,177

Applicant(s)

AMTMANN, FRANZ

Examiner

Kevin Y. Kim

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6,9,11-14,17,20 and 22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 9,11-14,17,20 and 22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_.

**DETAILED ACTION*****Response to Amendment***

1. The indicated allowability of claims 10 and 21 (now cancelled and combined with claims 1 and 12 respectively) is withdrawn because it was discovered that the claims failed to comply with the requirements of USC 112 first paragraph as explained below.

It is duly noted that applicant amended claims 1 and 12 by adding the subject matter of claim 10, now cancelled, which was indicated allowable, if combined into the base claim, over the cited prior art in the previous Office action. Upon a review of the specification and drawings it appears that the indication of allowability was premature because there is no disclosed embodiment corresponding to the claims.

It was acknowledged that the prior fails to teach controlling **both** the second transmission coil and the capacitor configuration. Specifically, the prior art teaches controlling the value of the capacitor configuration only.

Claims 1 and 12 find their support in Fig.2. While the value of the capacitor configuration (CC) is controllable by way of switch S1 as it is comprised of two capacitors, the value of the second transmission coil (L2) is not controllable regardless of a switching operation of switches S and S1. Specifically, Fig.3 and Fig.4 show the equivalents circuits of Fig.2 when the switches are open (non-conductive state) and closed (conductive state) respectively. It can be seen that the value of the at least second transmission coil (L2) remains the same because it is connected to the same nodes in either case. It appears that applicant intended that the value of the transmission coil configuration, comprising the first and second transmission coils, is controllable since when the switches are open only the second transmission coil (L2) is coupled to the chip

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(CH) and when the switches are closed both of the transmission coils (L1 and L2) are coupled to the chip, resulting the value of the transmission coil configuration varied.

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

3. Claims 1-6, 9,11-14,17,20 and 22 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

The claims require that “the value of both the at least second transmission coil and the capacitor configuration” be controllable. However, the specification fails to disclose controlling the value of the at least second transmission coil. The claimed invention is looked at in light of Figs 2-4. While the value of the capacitor configuration (CC) is controllable by way of switch S1, the value of the second transmission coil (L2) is not controllable regardless of a switching operation of switches S and S1. Specifically, Fig.3 and Fig.4 show the equivalent circuits of Fig.2 when the switches are open (non-conductive state) and closed (conductive state) respectively. And yet, the value of the at least second transmission coil (L2) remains the same since it is connected to the same nodes in either case.

Thus, the limitation in issue was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Y. Kim whose telephone number is 571-272-3039. The examiner can normally be reached on 8AM --5PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

March 23, 2006



**KEVIN KIM**  
**PATENT EXAMINER**